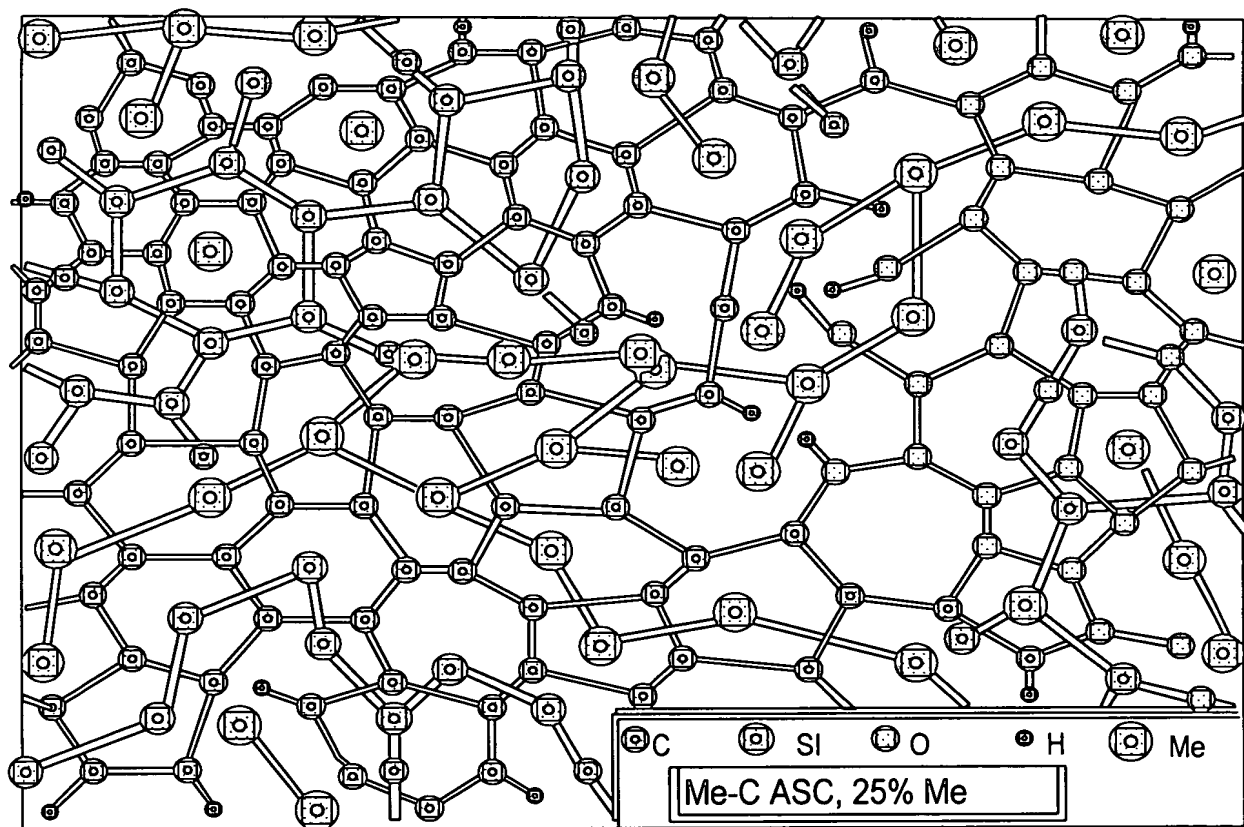


**FIG. 1A**  
PRIOR ART

*FIG. 1B*

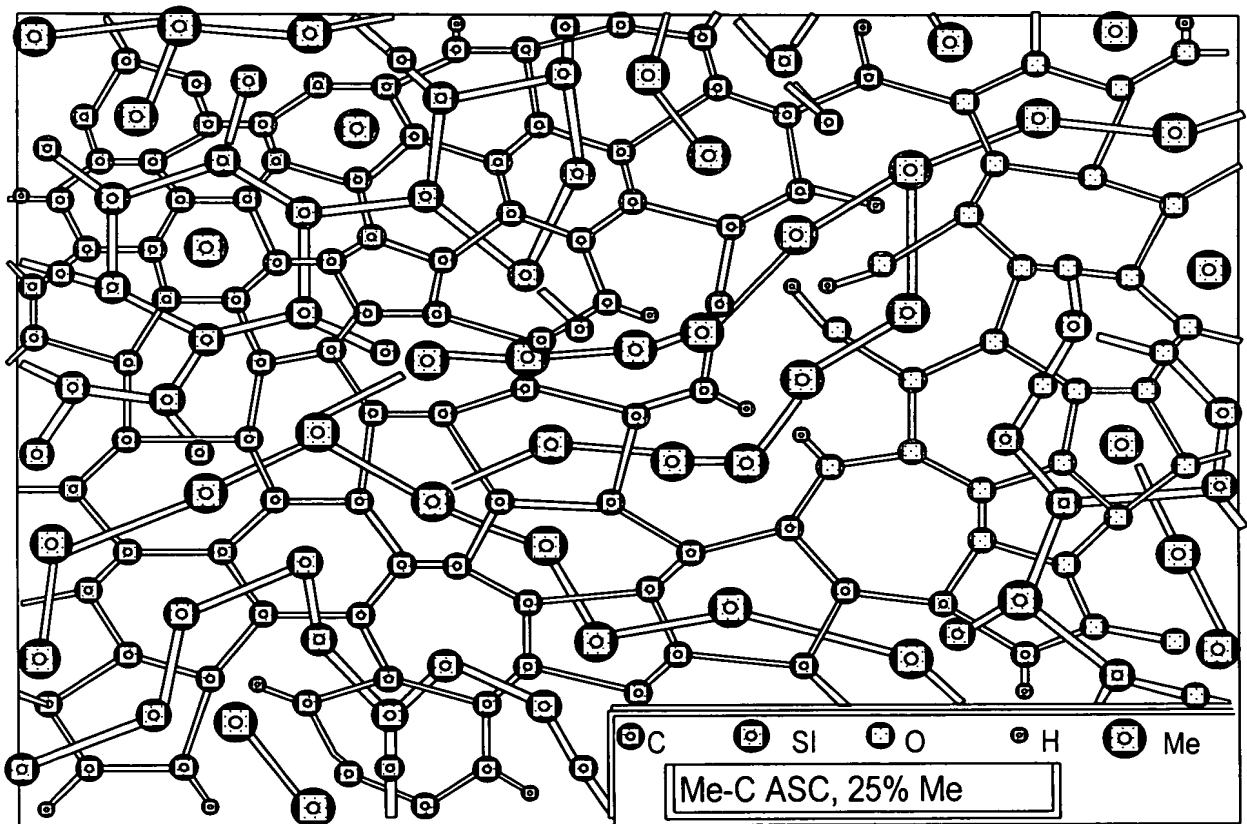


FIG. 1C

FIG. 2A

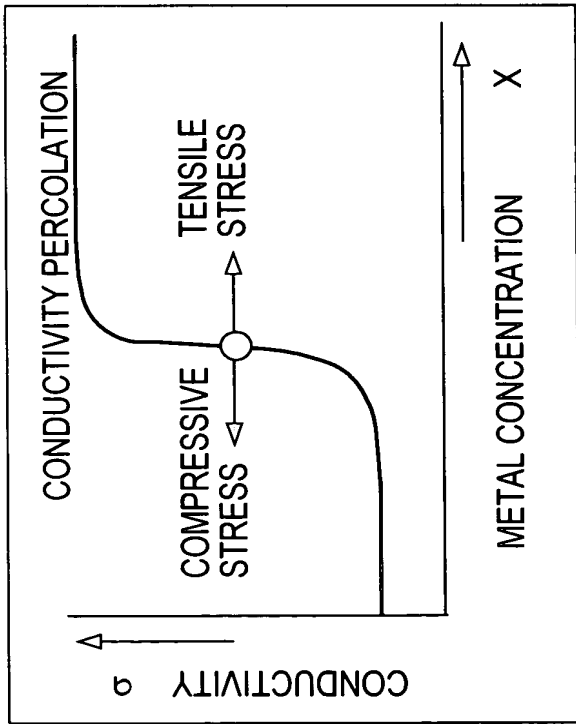


FIG. 2B

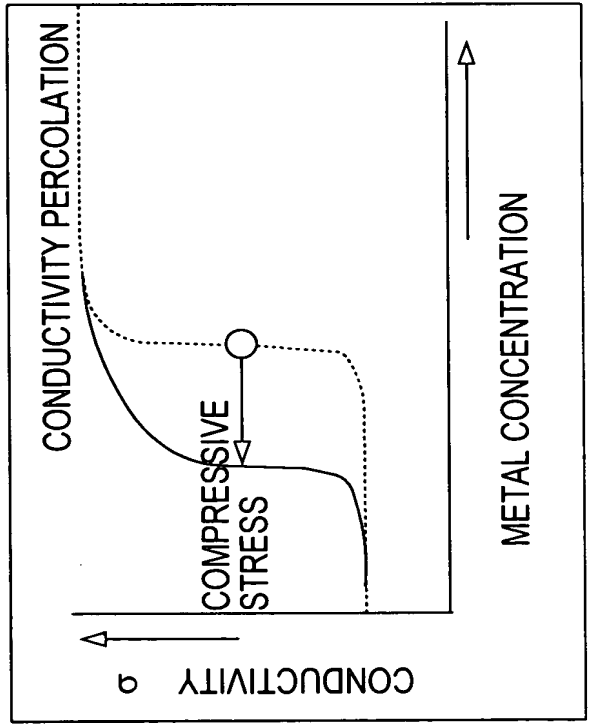
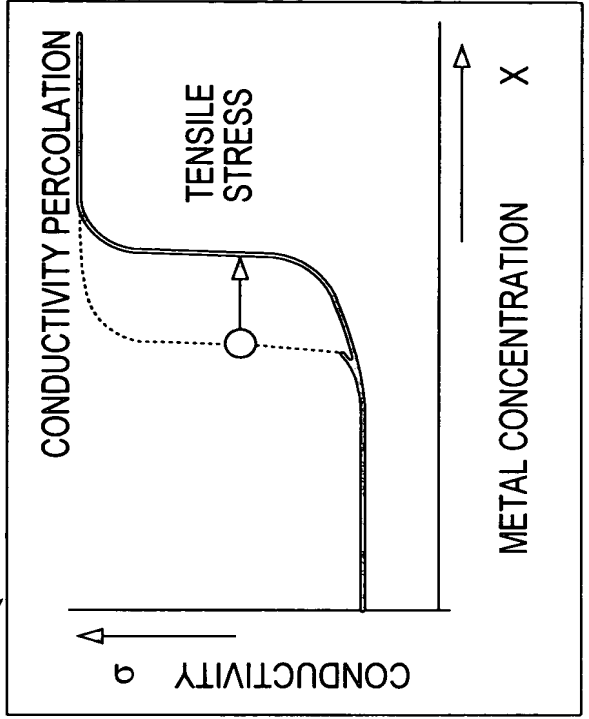
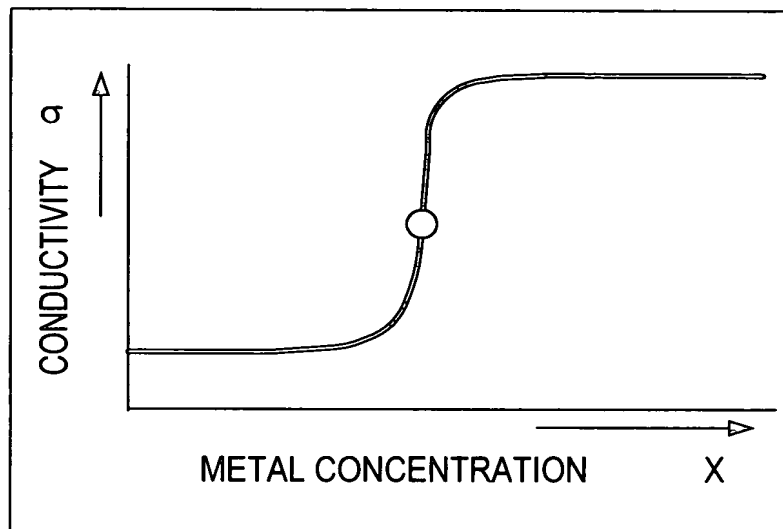
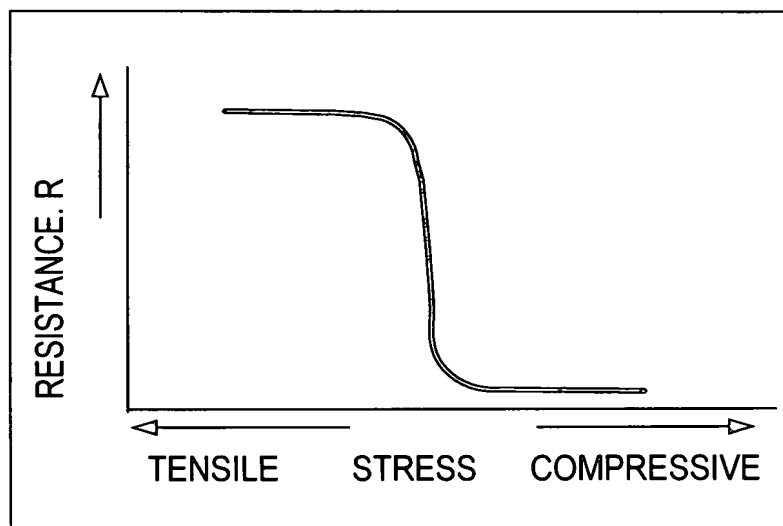
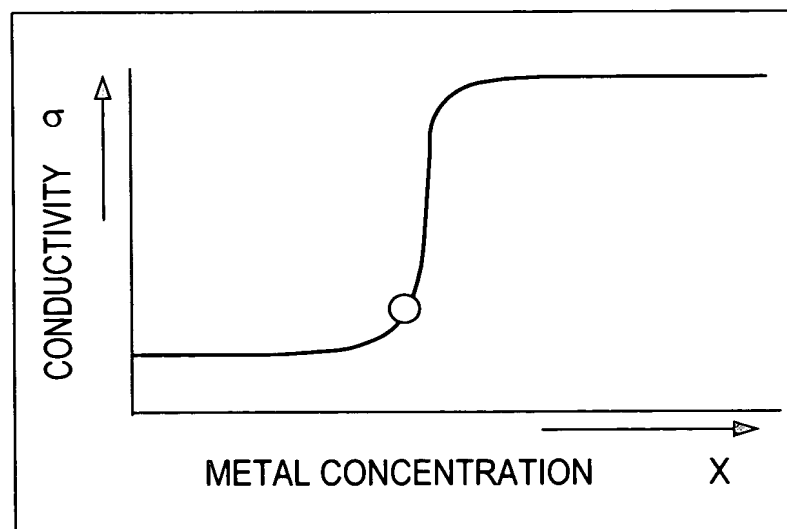


FIG. 2C



*FIG. 3A**FIG. 3B**FIG. 3C*

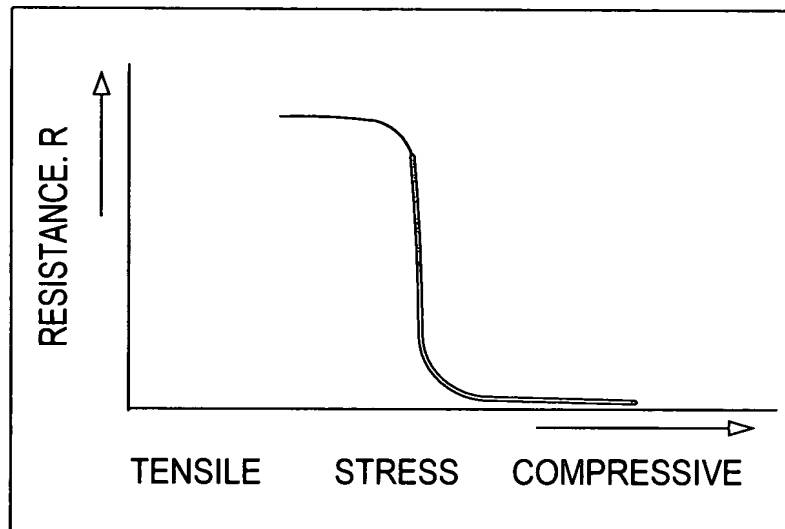


FIG. 3D

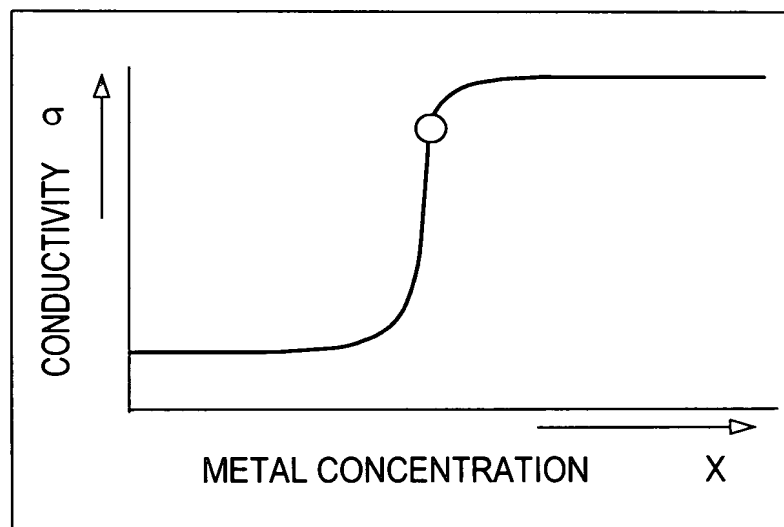


FIG. 3E

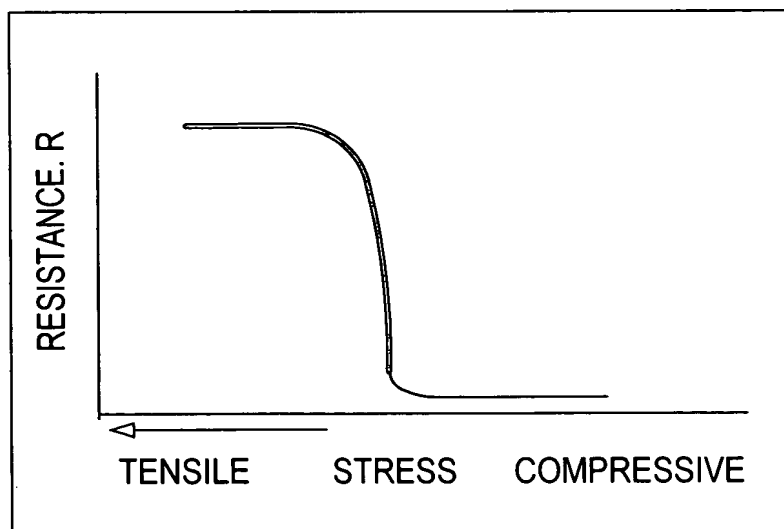
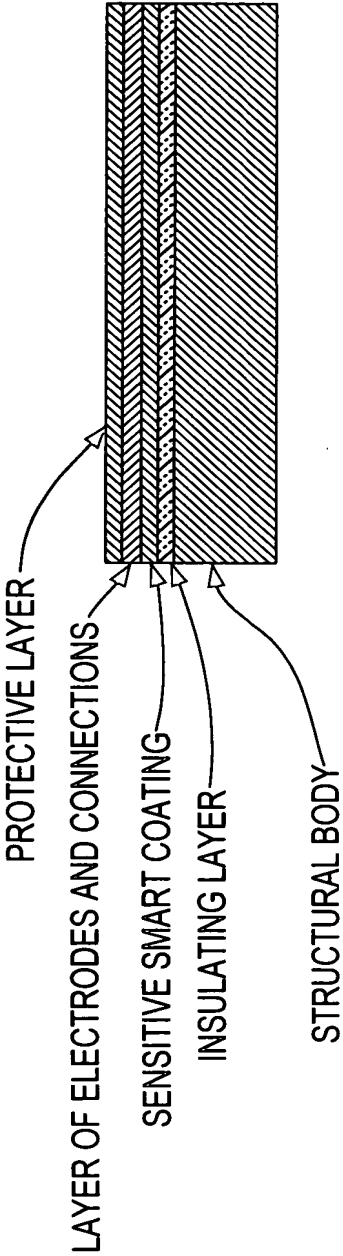
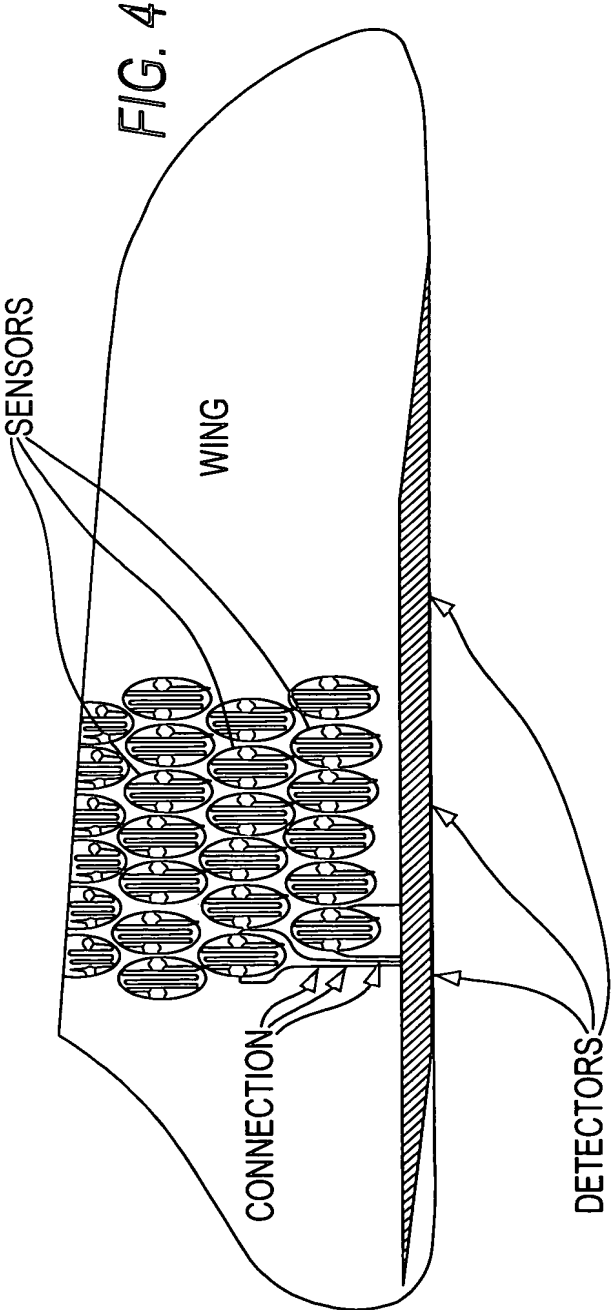
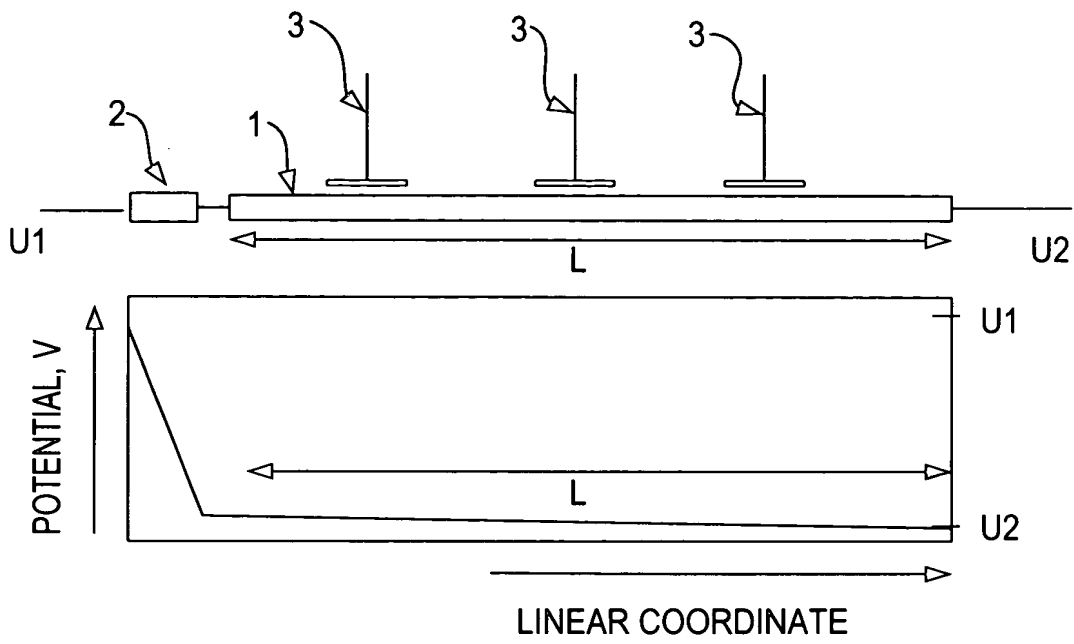
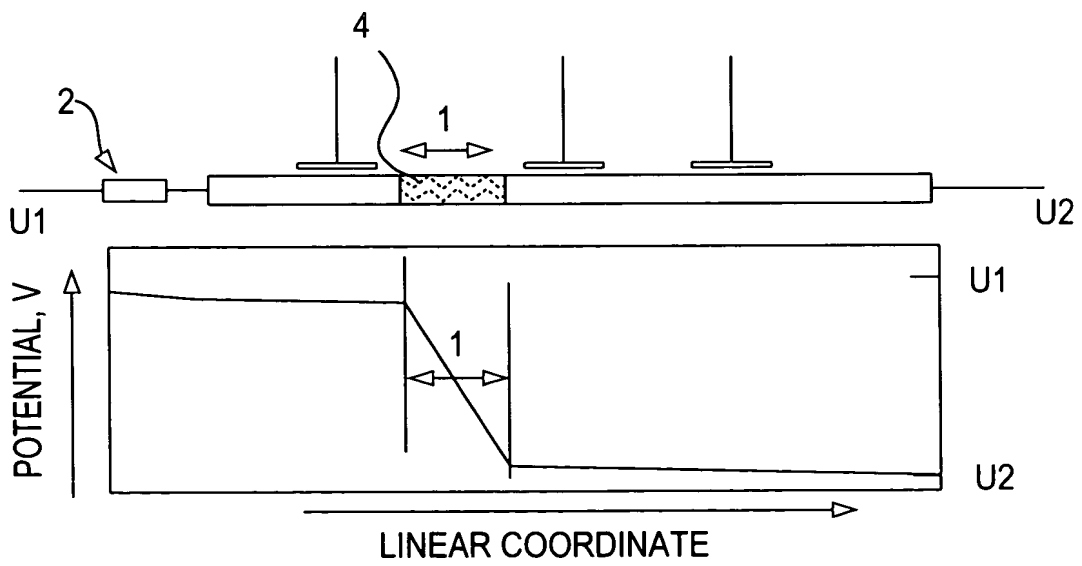
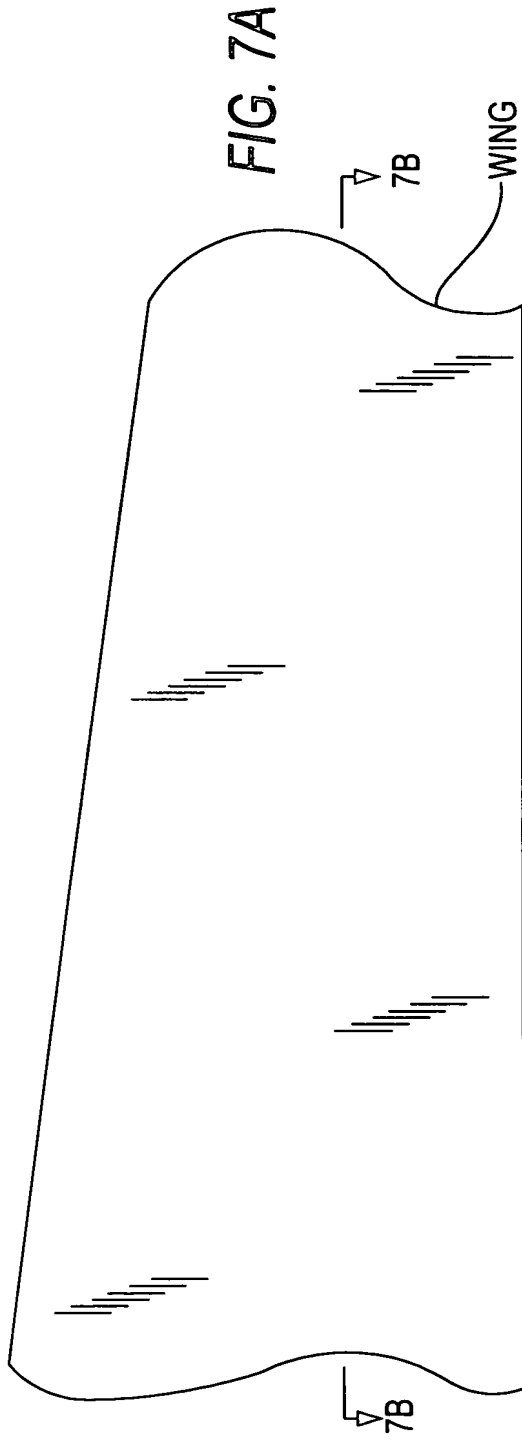


FIG. 3F



**FIG. 6A****FIG. 6B**





SENSING  
LAYER

INSULATING  
COATING

METAL  
SUBSTRATE

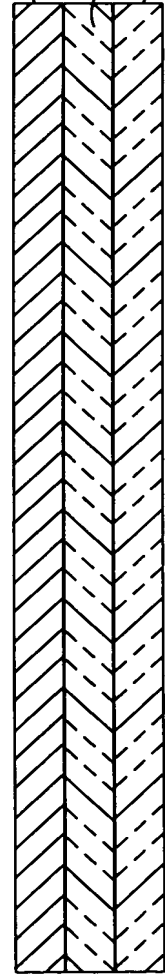
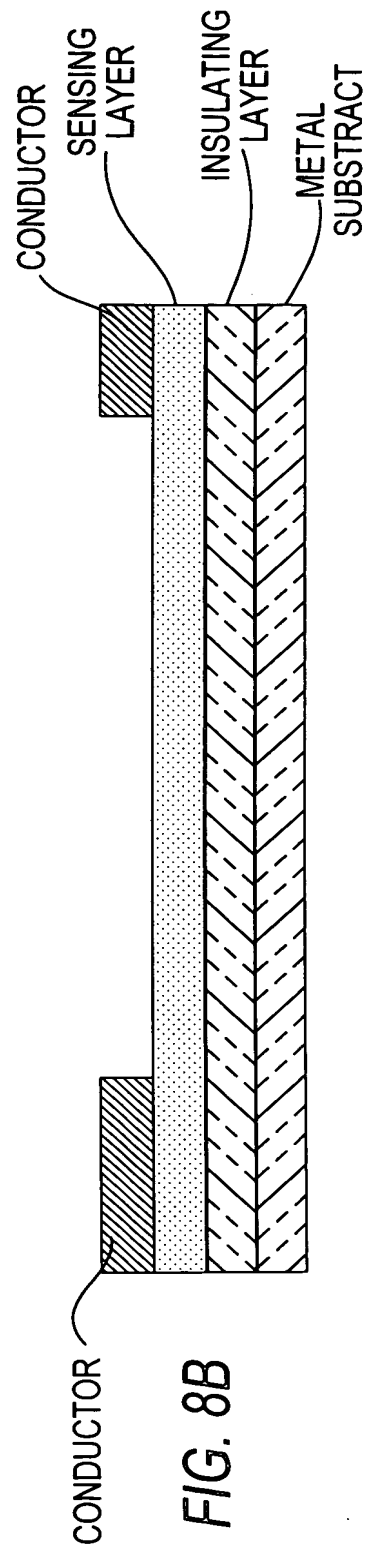
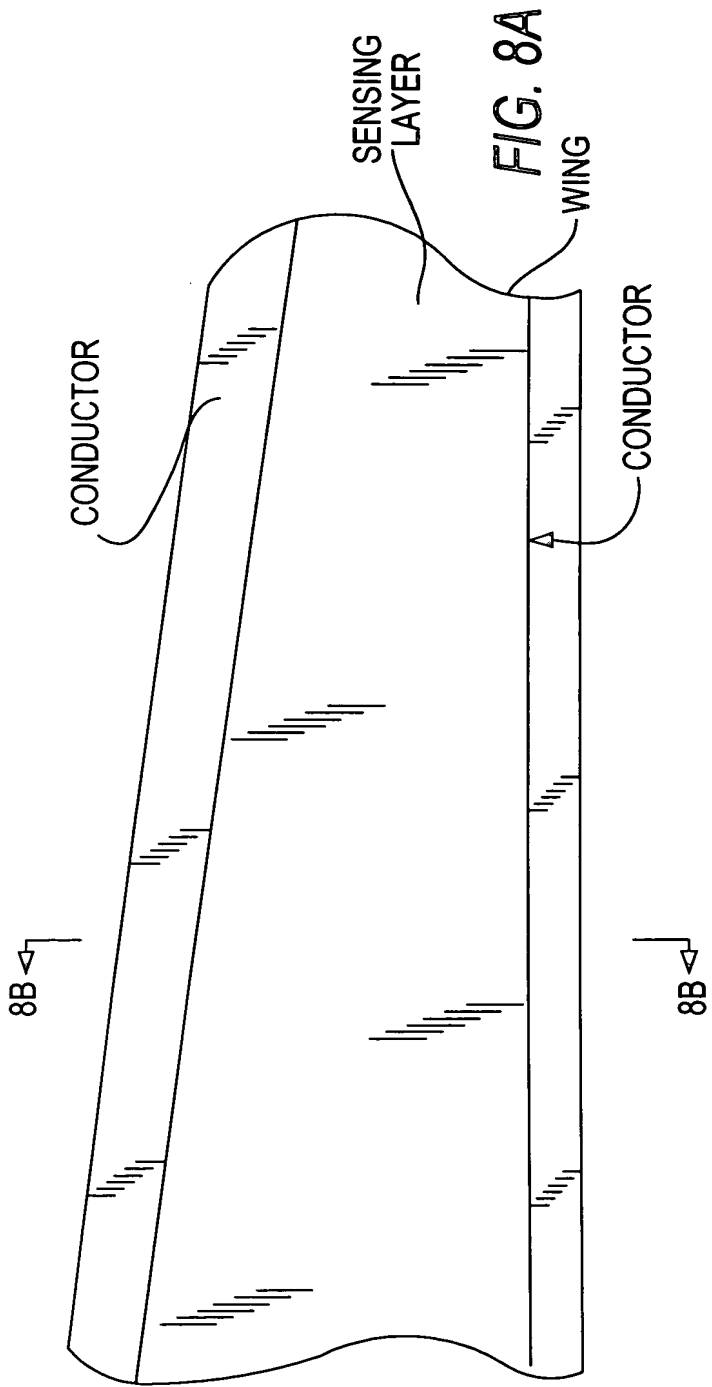


FIG. 7B



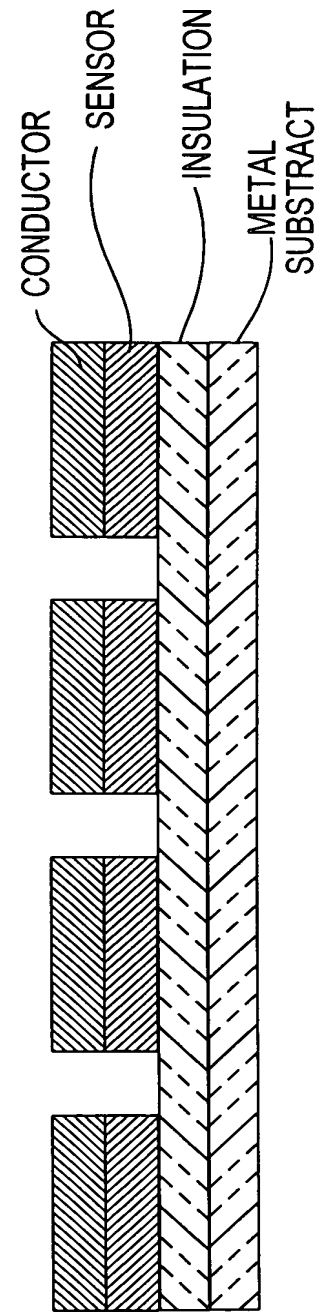
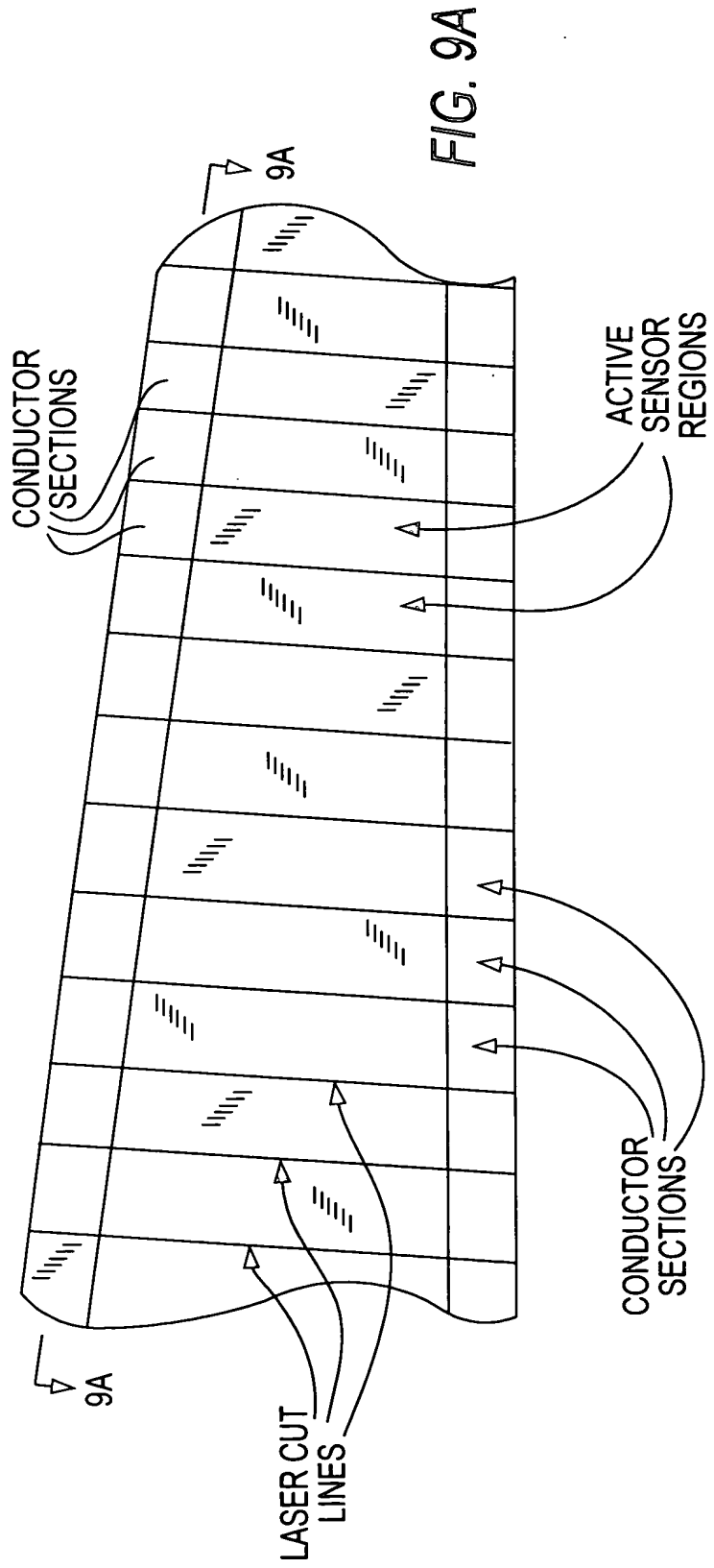


FIG. 9B